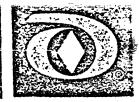
Diamond Shamrock





Product Name:	POTASSIU	M BICHROMATE		Opm 9	56-1	EMERGENCY PHON	NE NO
CHEMICAL NAME	Potassium Bichromate					DATE FORM ISSUED	
§YNONYMS	Potassium Bichromate Crystal					DATE FORM 1930E	
FORMULA	K ₂ Cr ₂ O ₇			(0) 11			
			ZARDOUS	INGREDIENTS			
MATERIAL		TLV(UNITS) %		MATERIAL	MATERIAL		%
cros Chrome Roid		0.1 mg/m ³		(1) (2)			
				9-1 % & 6			
							· · · · · · · · · · · · · · · · · · ·
	1			١١١٤	Cu'.		
		11	. PHYSIC	AL DATA	•		
BOILING POINT	Not Applicable			FREEZING POINT	Not Applicable		
SPECIFIC GRAVITY	2.68 @ 25°C			VAPOR PRESSURE AT 20° C	Not applicable		
(H2) = 1) ,POR DENSITY (AIR = 1)	Not applicable			SOLUBILITY IN WATER % BY WT. AT 20°C	Moderate		
PERCENT VOLATILES BY VOLUME	None			EVAPORATION RATE (BUTYL ACETATE =1)	Not applicable		
APPEARANCE	Bright Orange-Red Crystals			ODOR	None		
		III. FIRE A	ND EXPLO	SION HAZARD DAT	Α		
FLASH POINT	Not applicable			FLAMMABLE LIMITS	Upper Not applicable		
(TEST METHOD) AUTOIGNITION TEMPERATURE	Is Not	Is Not Combustible		(% BY VOLUME)	Not applicable		
EXTINGUISHING MEDIA	POTASSIUM BICHROMATE is not combustible. Water, CO ₂ or dry chemical fire fighting agents are all safe to use on fires in areas where this material is stored.						
SPECIAL FIREFIGHTING PROCEDURES	None	None					
UNUSUAL FIRE AND EXPLOSION HAZARDS	Potassi acids i	um Bichromat t may ignite	e is not e oxidizab	combustible, howev le substances.	er in th	e presence of	strong

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the user's responsibility to determine the suitability for the sound of the products described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Diamond Shamrock Corporation as to the effects of such use or the results to be obtained, nor does not only a suitable products are based on the effects of such use or the results to be obtained, nor does not only a suitable products are products are the results to be construed as absolutely complete since additional information may be necessary nor does not only the products are products referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary nor does not only the products are exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein contained is to be construed as permission or as a recommendation to infringe any patent.

h ₃	IV. HEALTH HAZARD DATA						
THRESHOLD LIMIT	0.1 mg/m ³ as CrO ₃						
ECTS OF DVEREXPOSURE	May cause irritation to mucous membranes and skin. Can cause irritation and conjunctivitis if in contact with the eyes can cause ulceration of skin wounds. If inhaled it can cause irritation of the respiratory system.						
EMERGENCY AND FIRST AID PROCEDURES	Skin Contact: Flush skin with water. Clothing penetrated with solutions or dust should be removed promptly and washed before re-use. Contact With Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held apart during irrigation to insure water contact with entire surface of eyes and lids. Call a physician. Inhalation: Irrigate masal passages and mouth with salt water.						
	V. REACTIVITY DATA						
STABILITY	CONDITIONS TO AVOID						
_Unstable Stable :	Mildly oxidizing in solution but becomes strongly oxidizing in strong acid solutions.						
INCOMPATIBILITY (Materials To Avoid)	Strong acids and oxidizable materials if in	the presence of strong acids.					
Hazardous Decomposition Products	None						
Hazardous Polymerization May X Will Not Occur Occur	CONDITIONS TO AVOID						
	VI. SPILL OR LEAK PROCEDURES	S					
PS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	Solids should be shoveled up. Area should traces should be neutralized with soda ash. treated by appropriate waste disposal mehto	Dissolved solids may then be					
WASTE DISPOSAL METHOD	The hexavalent chromium in solution may be reduced to trivalent chromium by a variety of reducing agents such as sodium bisulfite, sodium sulfite, sulfur dioxide or ferrous sulfate or chloride. The reduced chromium may the precipitated as the hydrous chromic oxide by neutralizing to a pH of 7.5 with soda ash, caustic soda or lime.						
	VII. SPECIAL PROTECTION INFORMA	ATION					
RESPIRATORY PROTECTION	Dust Respirator (U.S. Bureau of Mines 2175 R 2090 Red Devil with mist filter or equival LOCAL EXHAUST SPECIAL	Model 7100 or American Optical alent).					
VENTILATIONS	X See LTV MECHANICAL OTHER X Listed above						
PROTECTIVE GLOVES	Plastic or Rubber Safety Goggles	OTHER PROTECTIVE EQUIPMENT					
OCC. VES	VIII. SPECIAL PRECAUTIONS						
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Avoid contact with skin or eyes. Avoid breathing mists or dusts. Do not take internally.						
	,						
OTHER PRECAUTIONS							